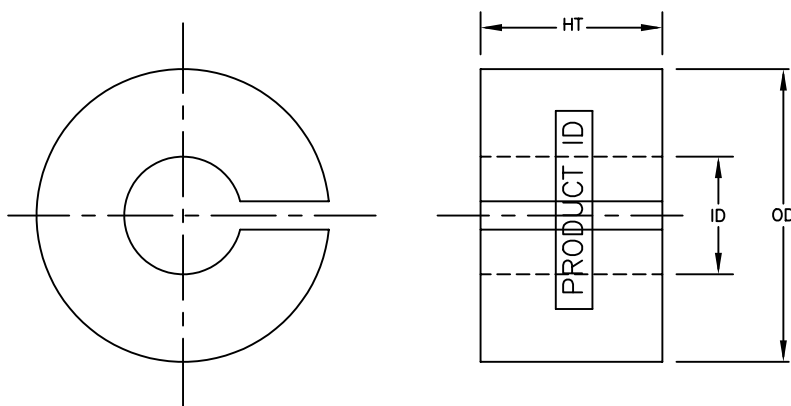


MP7438MPFC



Coated Core Specifications				Bare Core Specifications		
PART NO.	OD mm	ID mm	HT mm	OD mm	ID mm	HT mm
MP7438MPFC	46.61	25.22	18.99	44.58	25.76	17.46
Tolerance	max.	min.	max.			

Core Designation	Material DuPont	Manufacturer UL File #	Insulation System
M	EFB534S0	E206123	ClassB/ClassF

NOTE:

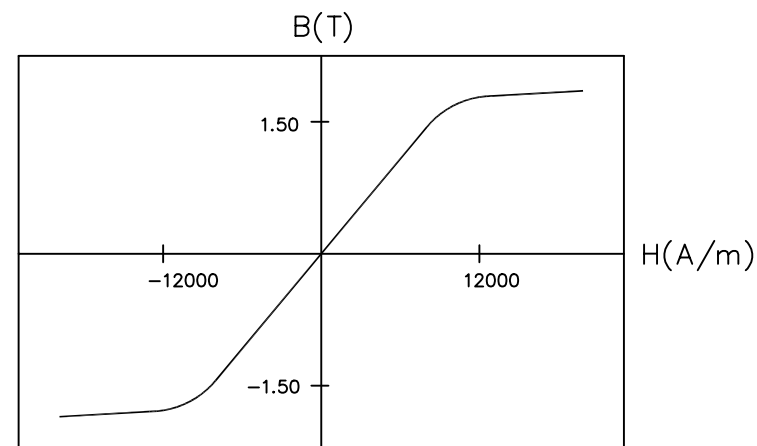
1. PART IDENTIFICATION CODE AND MANUFACTURING DATE CODE ARE PRINTED ON CURVED SURFACE.
2. MINIMUM COATING THICKNESS OF 0.076 mm (3 MILS) ON ANY POINT OF CORE IS MAINTAINED.
3. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.
4. OVALITY OF 95% ON OUTER AND INNER DIAMETER IS PERMISSIBLE.
5. MAXIMUM CONTINUOUS OPERATING TEMPERATURE IS 150°C.

MAGNETIC TOLERANCES:

PERMEABILITY $\pm 15\%$ $A_1 \pm 15\%$ Mass $\pm 3\%$

CORE MATERIAL:

METGLAS[®] ALLOY 2605SA1.



TYPICAL B-H LOOP

Performance Specifications								
I _m cm	A _c cm ²	Mass g	Volume cm ³	Effective Perm	A _i nH	W _a cm ²	W _a A _c cm ⁴	Core Loss W
11.05	1.430	115.68	15.80	100	163	4.99	7.141	22.68

A_I is measured at 10 kHz/100 mV.

l_m = mean magnetic path length

A_c = net cross-sectional area

W_d = core window area

[illegible]